

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080333.D
 Acq On : 3 Jul 2015 9:28
 Operator : TP/IZ
 Sample : G2873-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLNW-1-070115

Quant Time: Jul 03 23:02:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 22:57:58 2015
 Response via : Initial Calibration

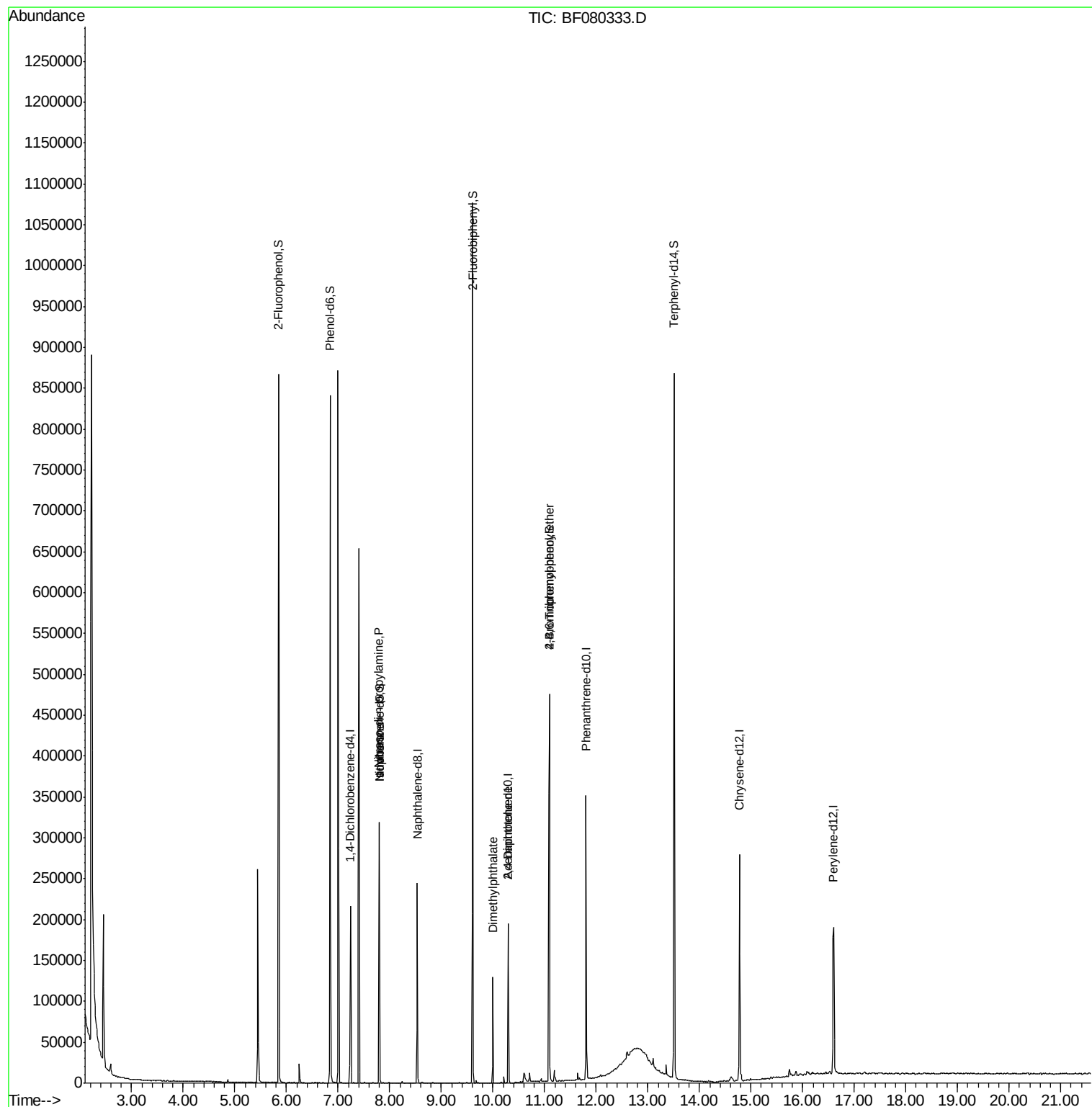
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	29987	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	109327	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	51423	20.00	ng	-0.01
63) Phenanthrene-d10	11.80	188	117861	20.00	ng	0.00
75) Chrysene-d12	14.77	240	125326	20.00	ng	0.06
86) Perylene-d12	16.60	264	119936	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	225314	130.12	ng	0.00
7) Phenol-d6	6.84	99	274585	118.12	ng	0.00
23) Nitrobenzene-d5	7.80	82	152767	76.94	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	72378	147.82	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	320309	89.65	ng	0.00
78) Terphenyl-d14	13.51	244	377718	70.60	ng	0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	18562	12.01	ng	# 90
25) Isophorone	7.80	82	152401	39.49	ng	# 65
49) Dimethylphthalate	10.00	163	52698	13.42	ng	99
56) 2,4-Dinitrotoluene	10.29	165	6479	6.22	ng	# 19
66) 4-Bromophenyl-phenylether	11.09	248	4973	3.90	ng	# 1

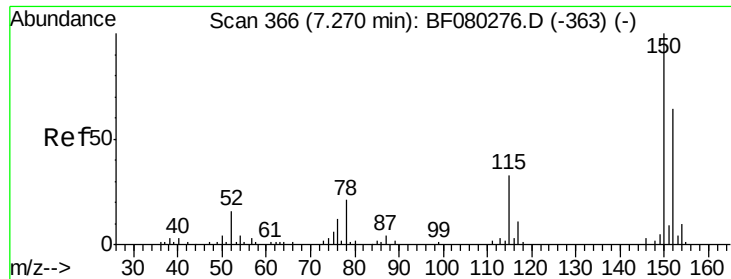
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 22:57:58 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF080333.D

Acq: 3 Jul 2015 9:28

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNW-1-070115

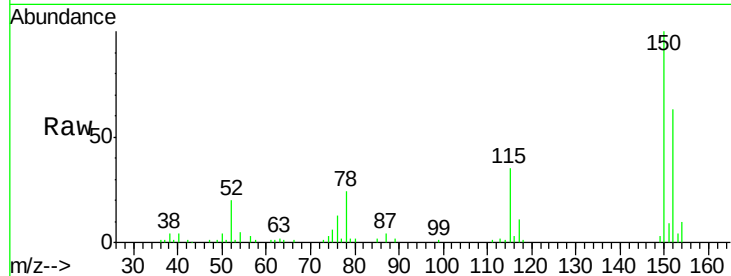
Tgt Ion:152 Resp: 29987

Ion Ratio Lower Upper

152 100

150 159.6 124.7 187.1

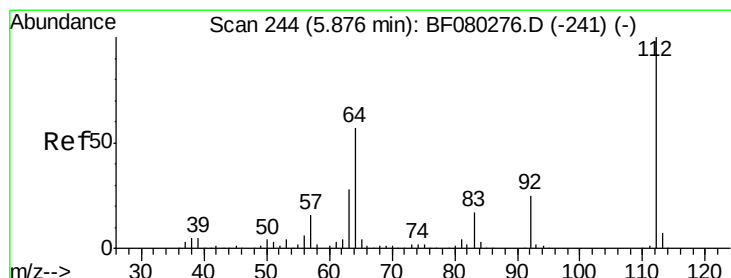
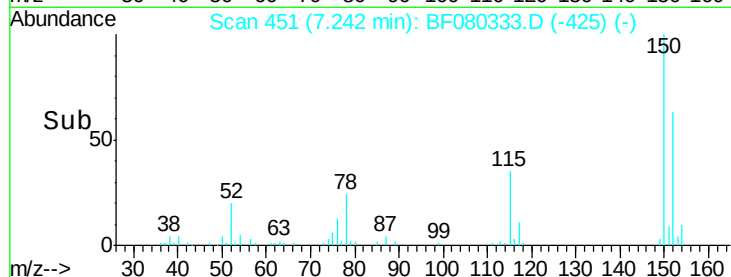
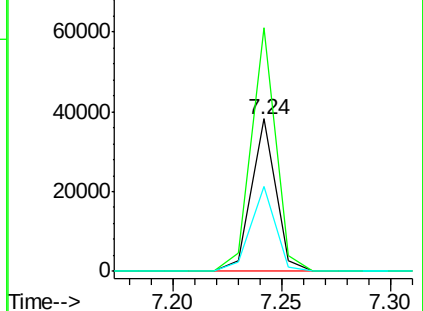
115 55.7 41.0 61.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 130.12 ng

RT: 5.85 min Scan# 329

Delta R.T. 0.00 min

Lab File: BF080333.D

Acq: 3 Jul 2015 9:28

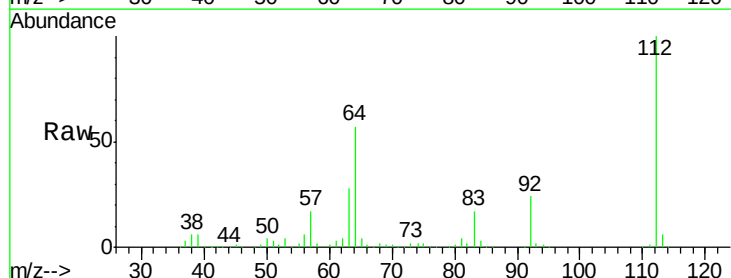
Tgt Ion:112 Resp: 225314

Ion Ratio Lower Upper

112 100

64 56.8 45.5 68.3

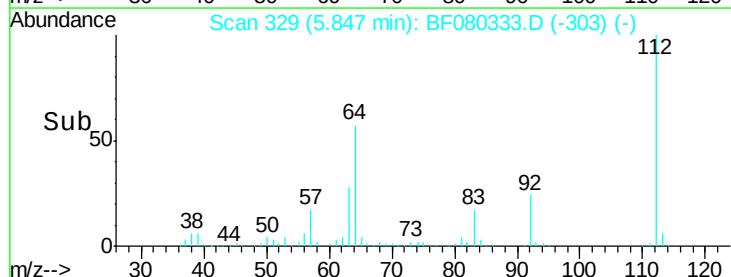
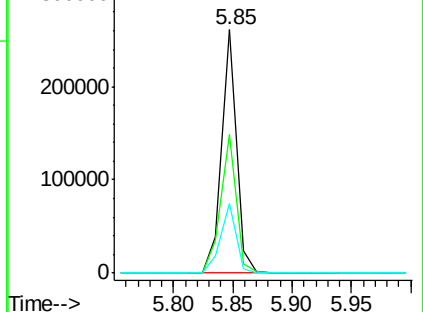
63 28.5 22.4 33.6

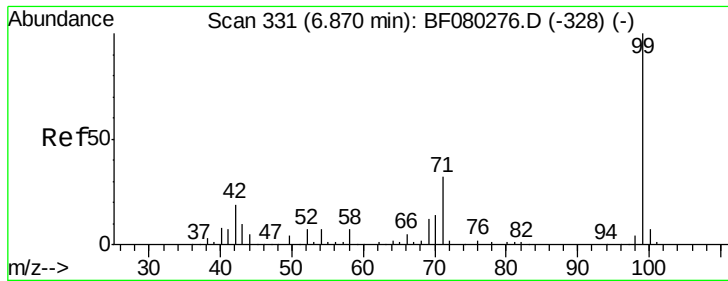


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.12 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080333.D

Acq: 3 Jul 2015 9:28

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNW-1-070115

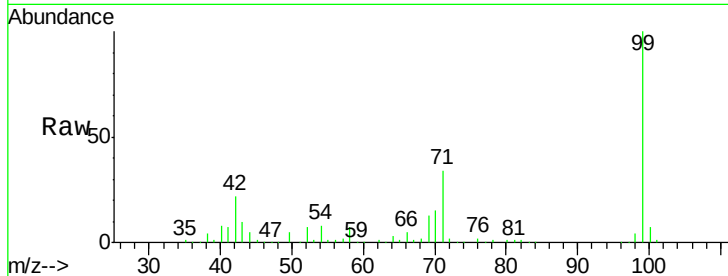
Tgt Ion: 99 Resp: 274585

Ion Ratio Lower Upper

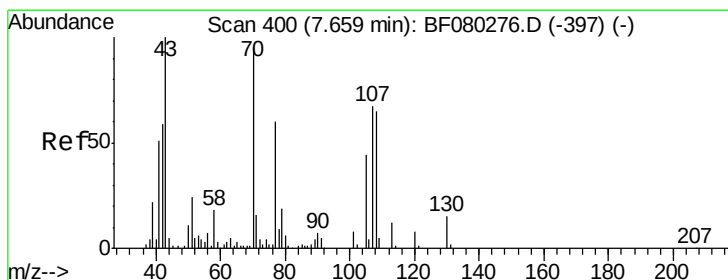
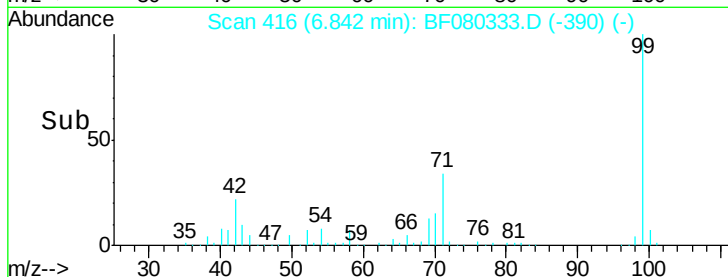
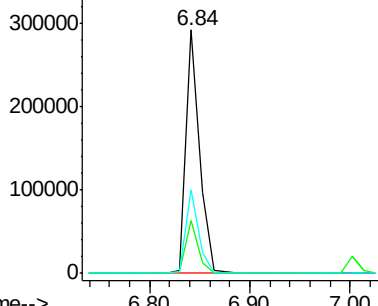
99 100

42 21.8 15.4 23.2

71 34.1 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.01 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.16 min

Lab File: BF080333.D

Acq: 3 Jul 2015 9:28

Tgt Ion: 70 Resp: 18562

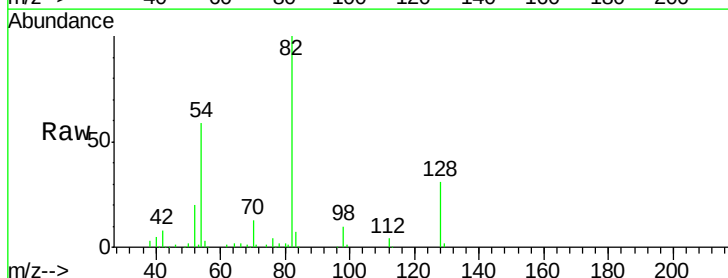
Ion Ratio Lower Upper

70 100

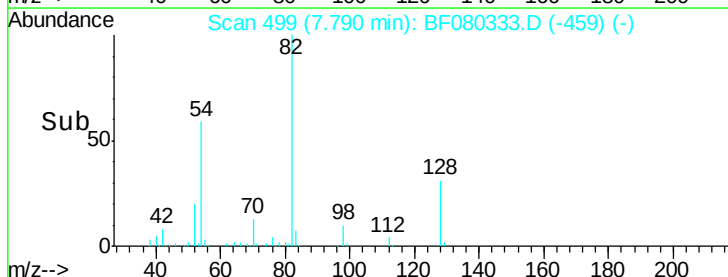
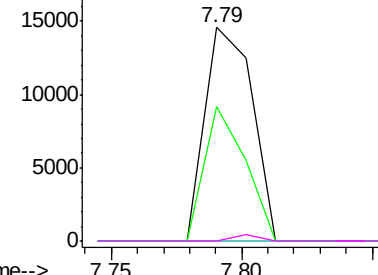
42 62.7 49.8 74.8

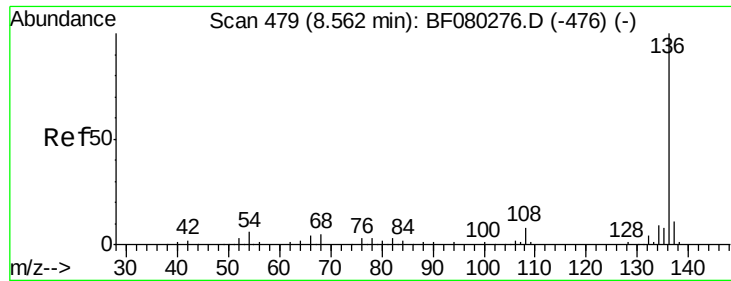
101 0.0 6.8 10.2#

130 0.0 13.0 19.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

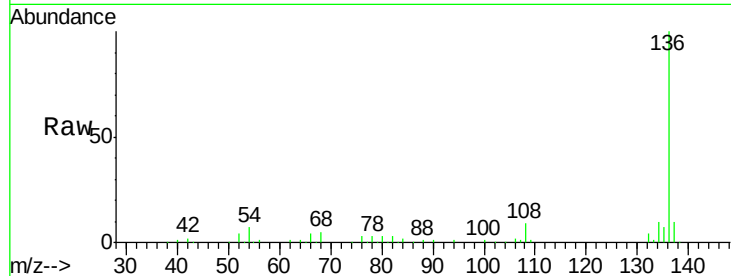




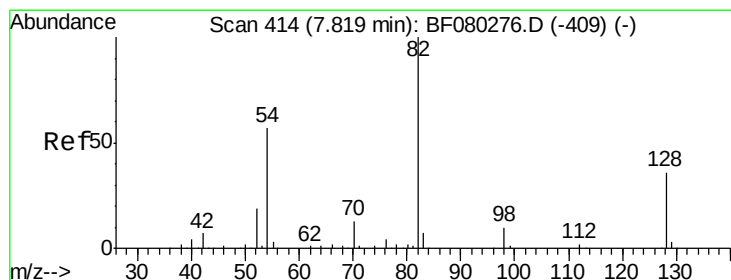
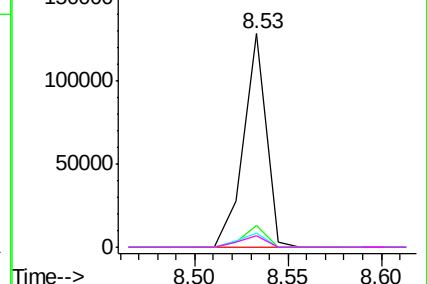
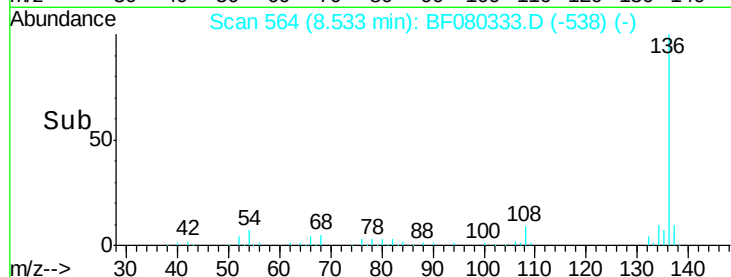
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF080333.D
Acq: 3 Jul 2015 9:28

Instrument :
BNA_F
ClientSampleId :
SIDEWALLNW-1-070115

Tgt Ion:	136	Resp:	109327
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.7	4.9	7.3
68	5.2	4.0	6.0

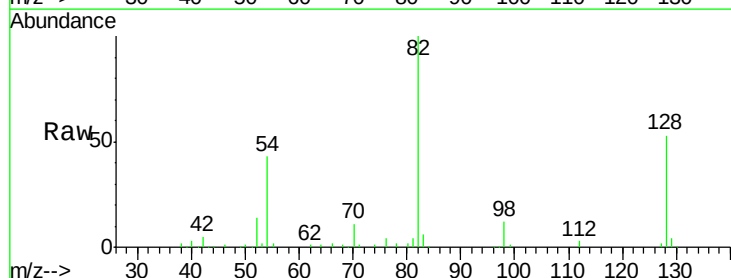


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
150000
Ion 54.00 (53.70 to 54.70): BF0
100000
Ion 68.00 (67.70 to 68.70): BF0
50000
0

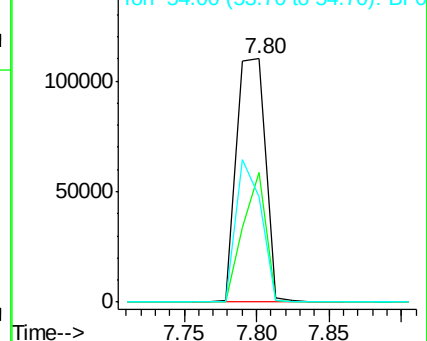
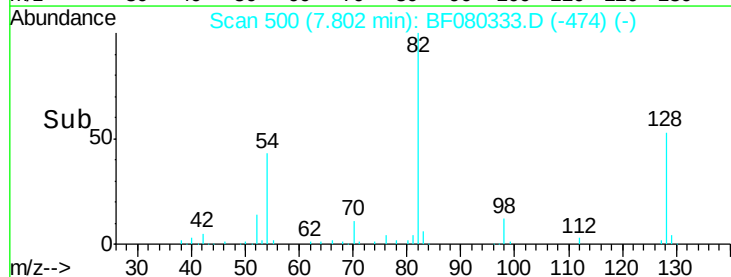


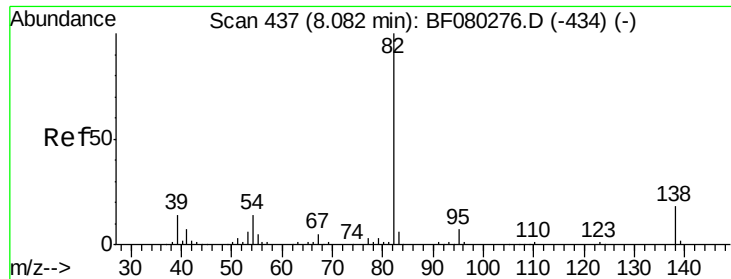
#23
Nitrobenzene-d5
Concen: 76.94 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF080333.D
Acq: 3 Jul 2015 9:28

Tgt Ion:	82	Resp:	152767
Ion	Ratio	Lower	Upper
82	100		
128	53.0	29.0	43.4#
54	43.5	45.3	67.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
150000
Ion 128.00 (127.70 to 128.70): E
100000
Ion 54.00 (53.70 to 54.70): BF0
50000
0





#25

Isophorone

Concen: 39.49 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.25 min

Lab File: BF080333.D

Acq: 3 Jul 2015 9:28

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNW-1-070115

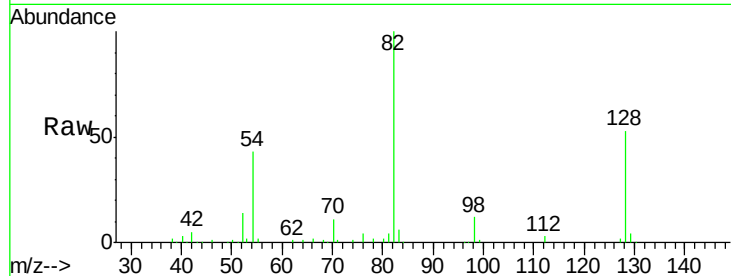
Tgt Ion: 82 Resp: 152401

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

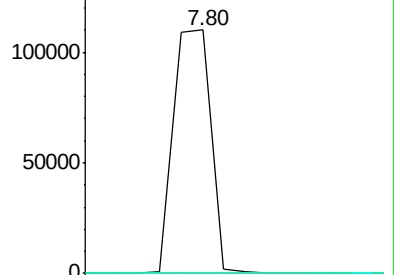
138 0.0 14.4 21.6#



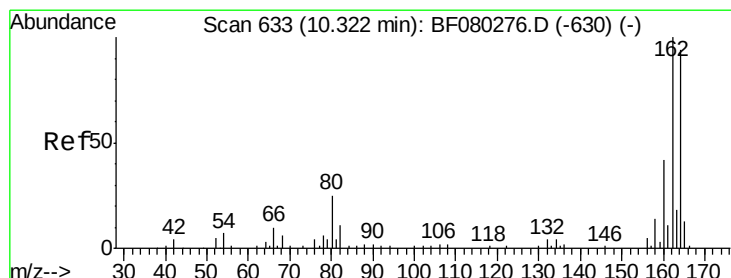
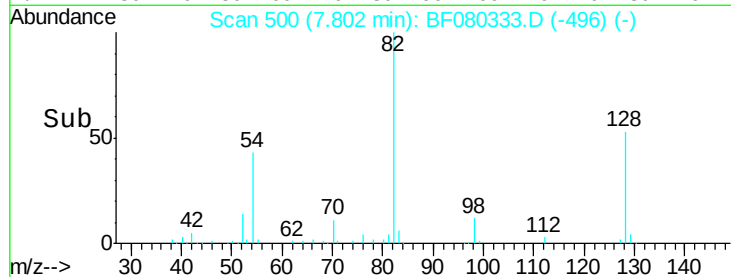
Abundance Ion 82.00 (81.70 to 82.70): BF080333.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BF080333.D (-496) (-)

Ion 138.00 (137.70 to 138.70): BF080333.D (-496) (-)



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF080333.D

Acq: 3 Jul 2015 9:28

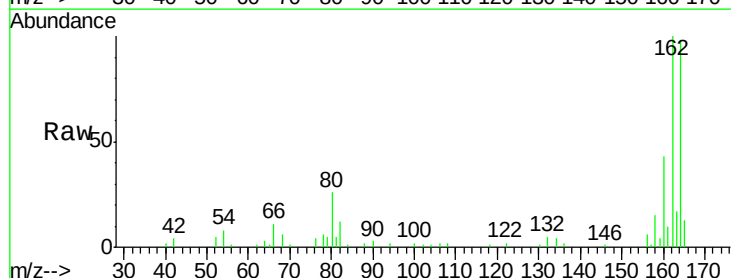
Tgt Ion: 164 Resp: 51423

Ion Ratio Lower Upper

164 100

162 102.2 84.8 127.2

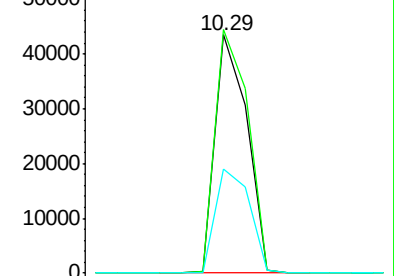
160 43.9 35.8 53.8



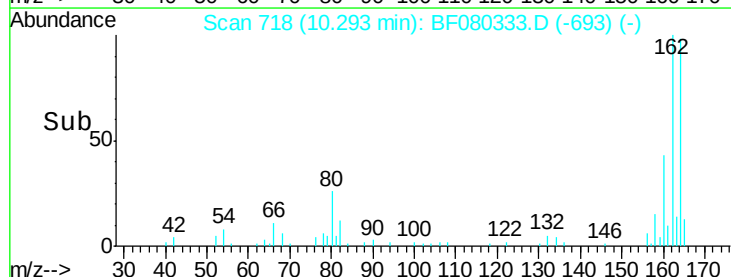
Abundance Ion 164.00 (163.70 to 164.70): BF080333.D (-693) (-)

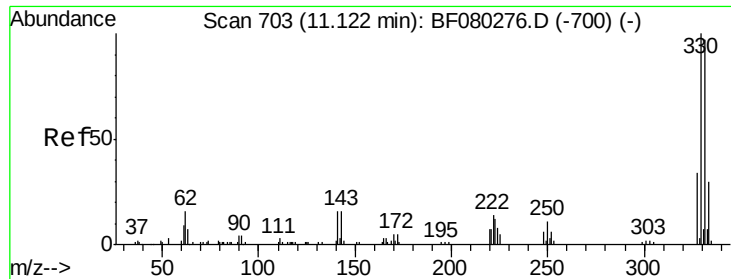
Ion 162.00 (161.70 to 162.70): BF080333.D (-693) (-)

Ion 160.00 (159.70 to 160.70): BF080333.D (-693) (-)



Time-->

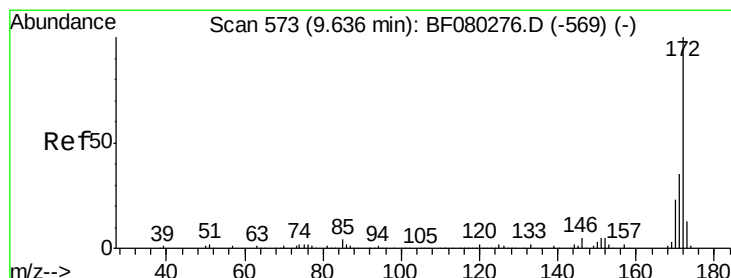
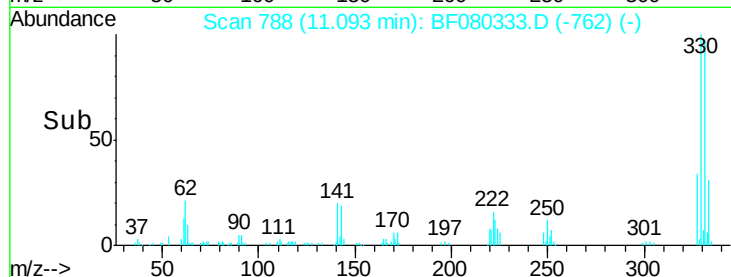
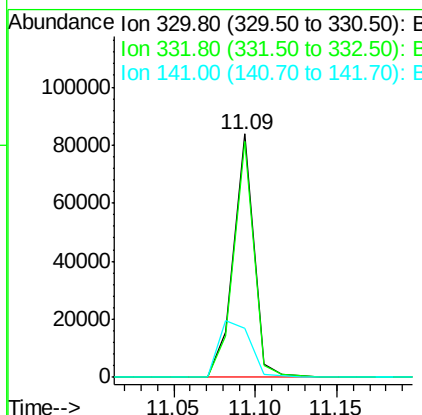
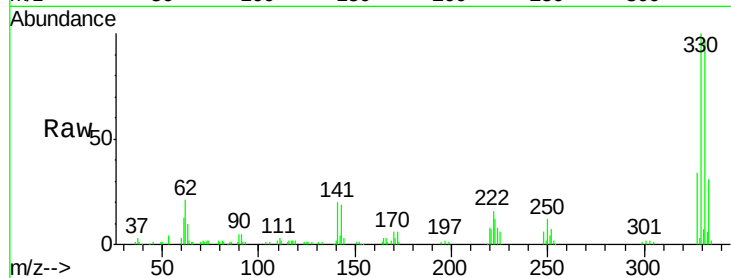




#41
 2,4,6-Tribromophenol
 Concen: 147.82 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF080333.D
 Acq: 3 Jul 2015 9:28

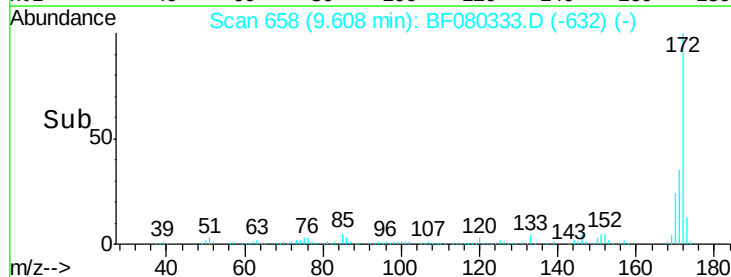
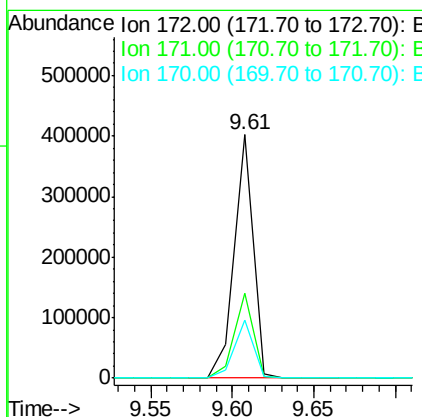
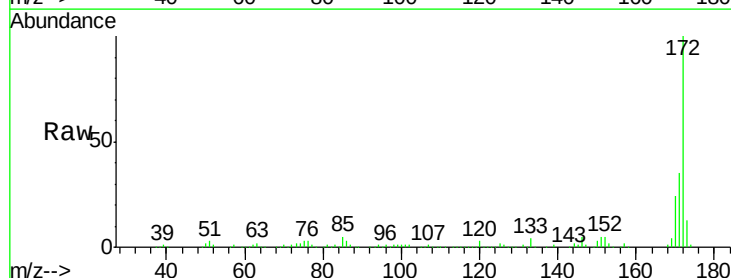
Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLNW-1-070115

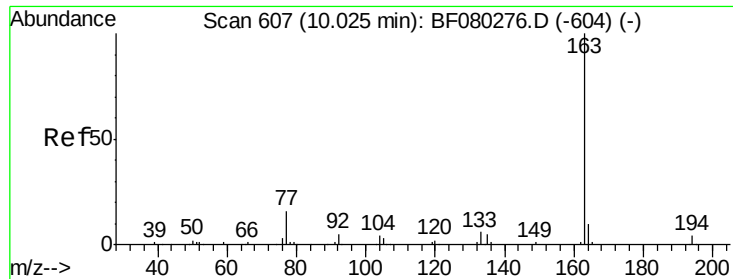
Tgt Ion:330 Resp: 72378
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 35.5 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 89.65 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080333.D
 Acq: 3 Jul 2015 9:28

Tgt Ion:172 Resp: 320309
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 24.1 18.6 28.0

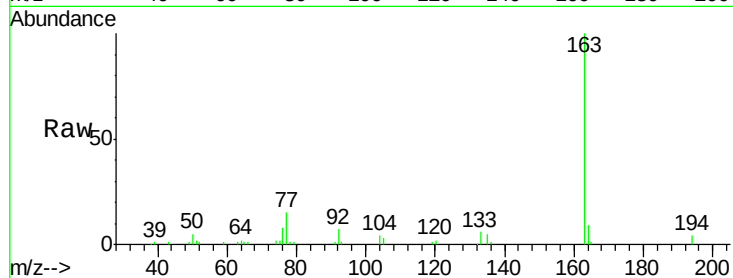




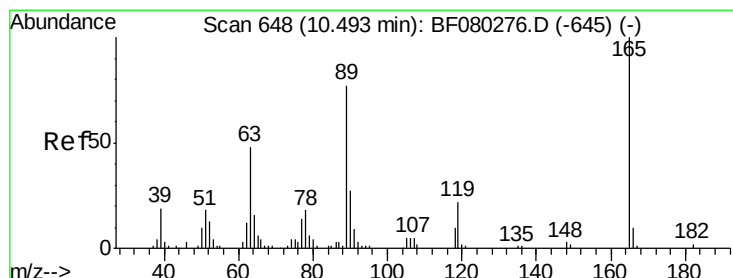
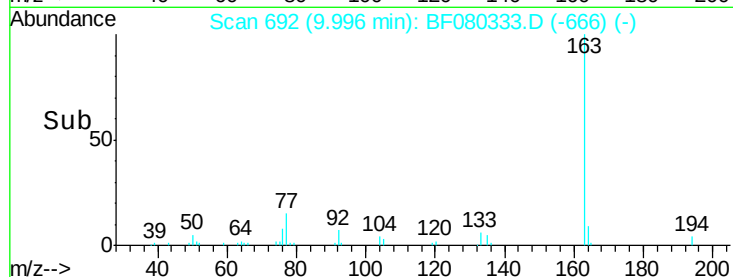
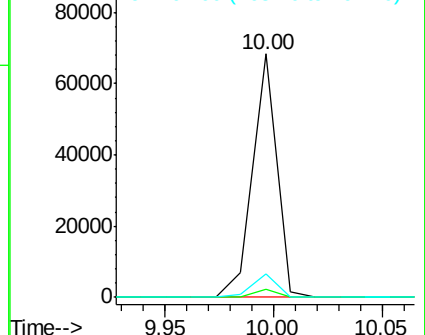
#49
Dimethylphthalate
Concen: 13.42 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080333.D
Acq: 3 Jul 2015 9:28

Instrument :
BNA_F
ClientSampleId :
SIDEWALLNW-1-070115

Tgt Ion:163 Resp: 52698
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.4 7.9 11.9

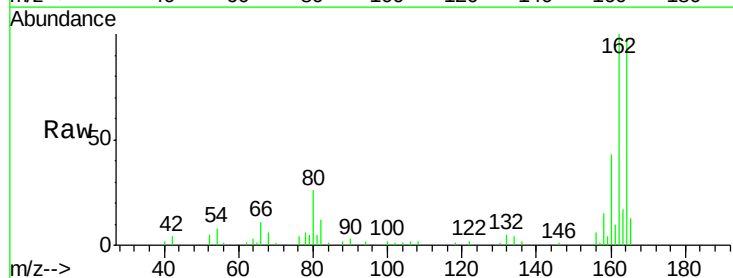


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

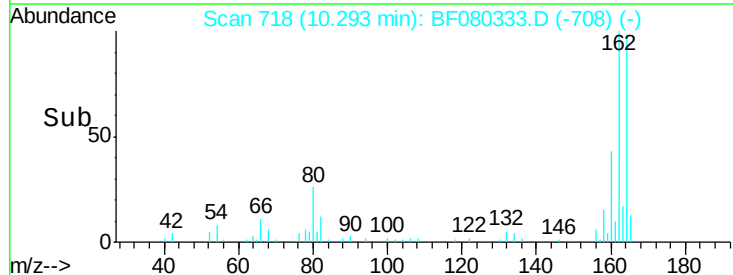
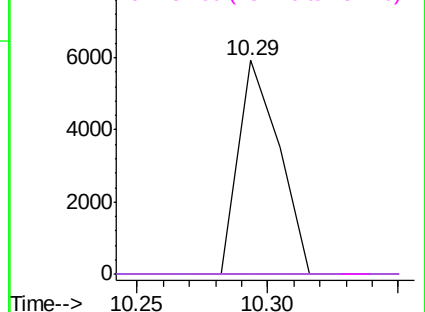


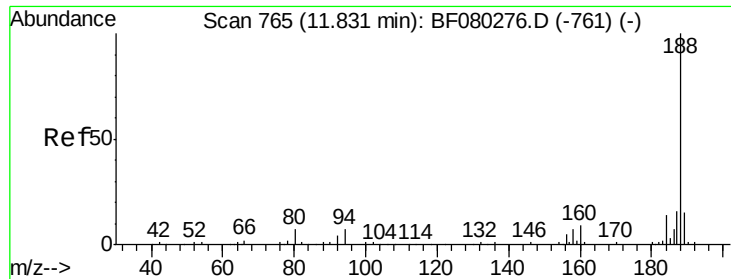
#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.18 min
Lab File: BF080333.D
Acq: 3 Jul 2015 9:28

Tgt Ion:165 Resp: 6479
Ion Ratio Lower Upper
165 100
63 0.0 38.7 58.1#
89 0.0 62.0 93.0#
182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

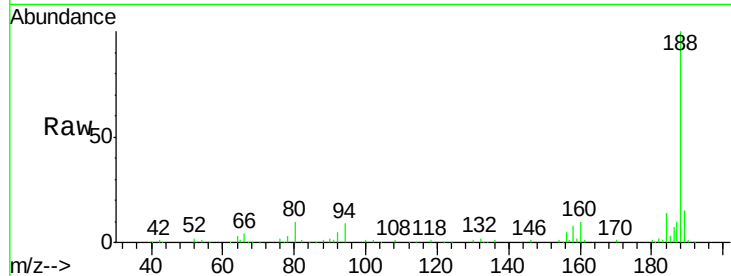




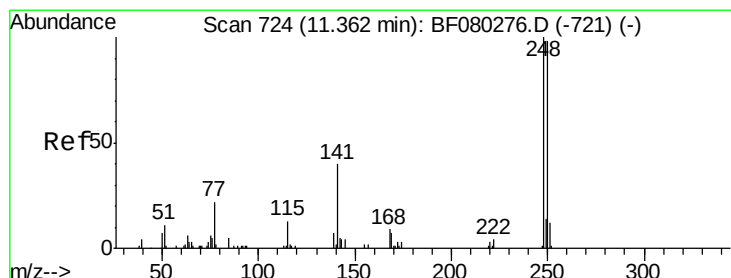
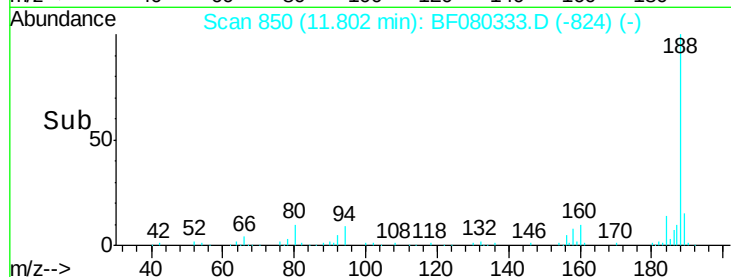
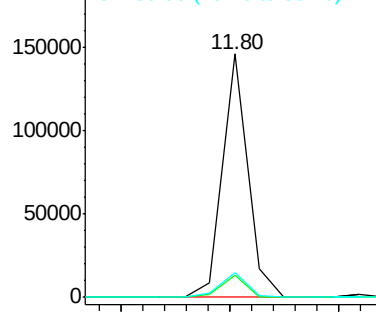
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.80 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF080333.D
 Acq: 3 Jul 2015 9:28

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLNW-1-070115

Tgt Ion:188 Resp: 117861
 Ion Ratio Lower Upper
 188 100
 94 9.2 5.4 8.0#
 80 10.1 5.8 8.6#

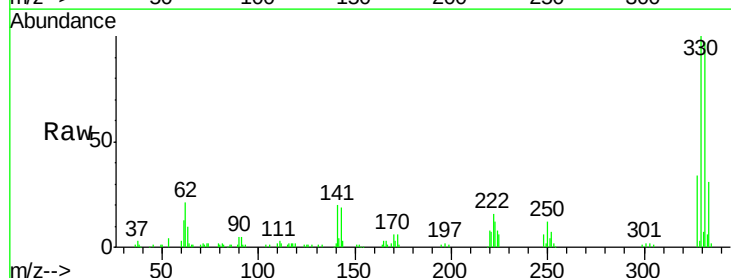


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

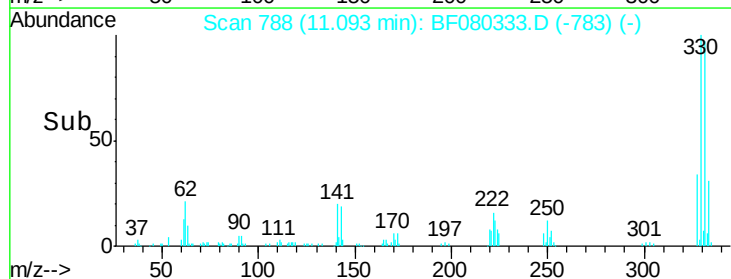
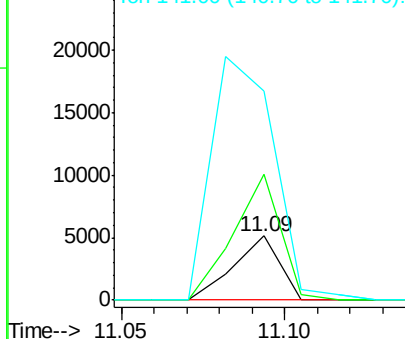


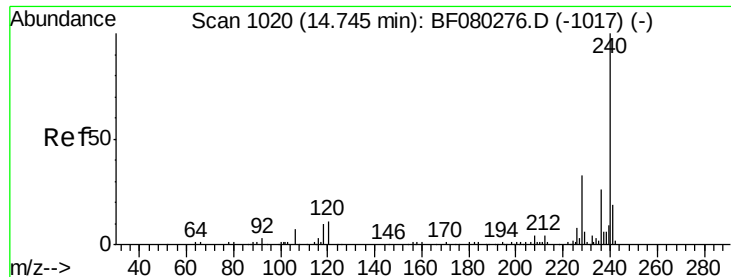
#66
 4-Bromophenyl-phenylether
 Concen: 3.90 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.24 min
 Lab File: BF080333.D
 Acq: 3 Jul 2015 9:28

Tgt Ion:248 Resp: 4973
 Ion Ratio Lower Upper
 248 100
 250 196.3 78.2 117.4#
 141 325.4 31.9 47.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.77 min Scan# 1110

Delta R.T. 0.06 min

Lab File: BF080333.D

Acq: 3 Jul 2015 9:28

Instrument :

BNA_F

ClientSampleId :

SIDEWALLNW-1-070115

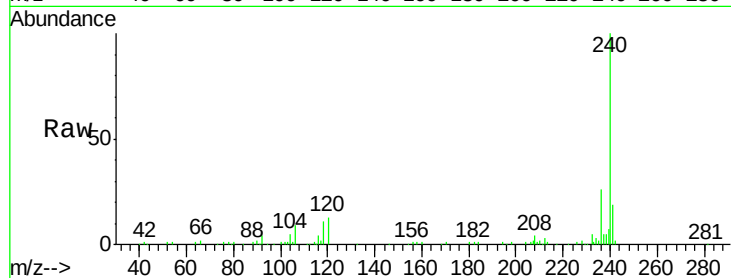
Tgt Ion:240 Resp: 125326

Ion Ratio Lower Upper

240 100

120 13.2 8.7 13.1#

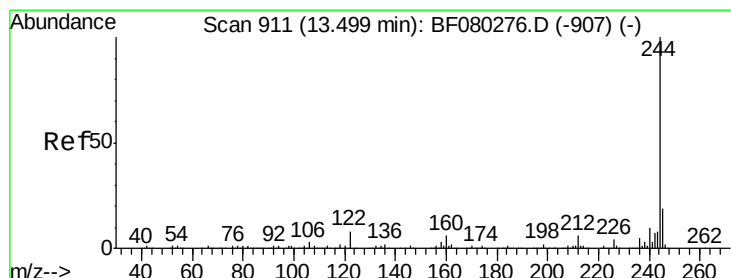
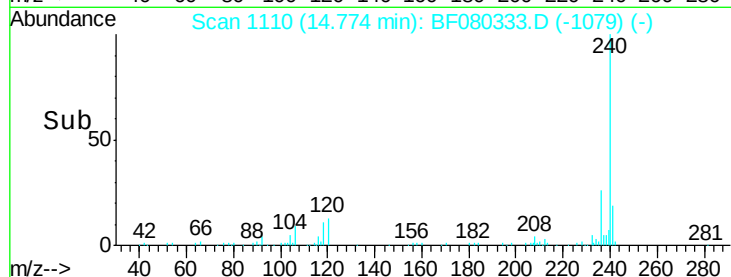
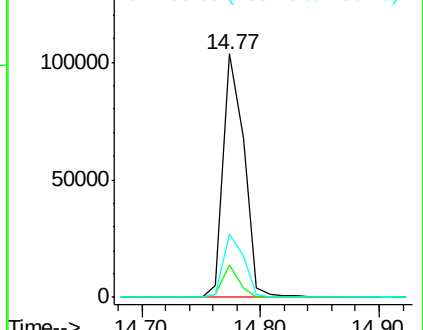
236 25.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 70.60 ng

RT: 13.51 min Scan# 999

Delta R.T. 0.03 min

Lab File: BF080333.D

Acq: 3 Jul 2015 9:28

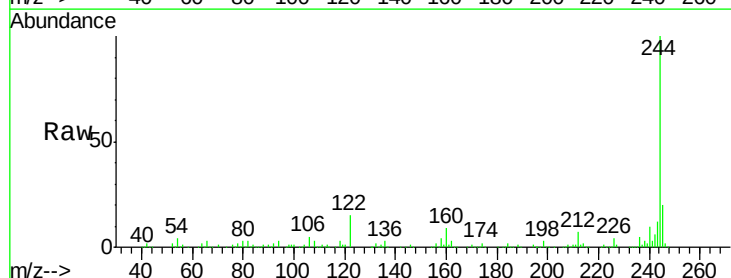
Tgt Ion:244 Resp: 377718

Ion Ratio Lower Upper

244 100

212 7.4 5.0 7.6

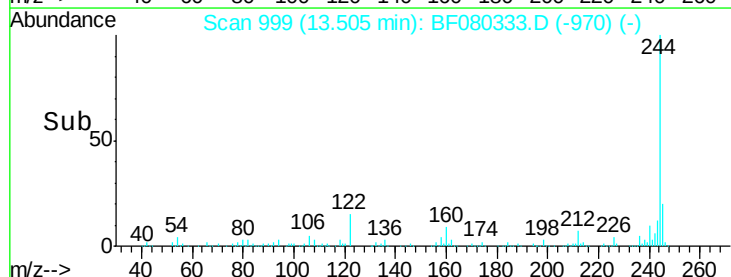
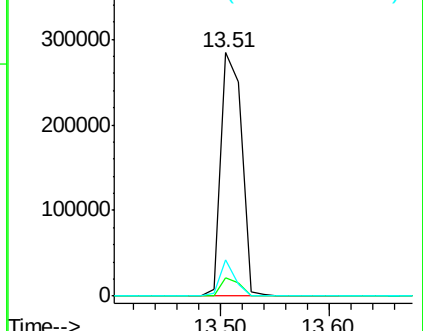
122 14.9 6.6 9.8#

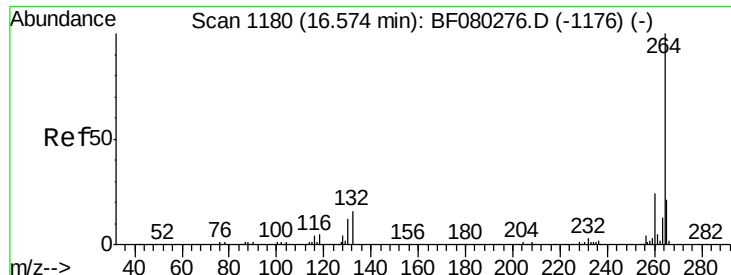


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.60 min Scan# 1270
Delta R.T. 0.06 min
Lab File: BF080333.D
Acq: 3 Jul 2015 9:28

Instrument :
BNA_F
ClientSampleId :
SIDEWALLNW-1-070115

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	16.9	25.3

